



NATURA 2000 - STANDARD DATA FORM

For Special Protection Areas (SPA),
Proposed Sites for Community Importance (pSCI),
Sites of Community Importance (SCI) and
for Special Areas of Conservation (SAC)

SITE

BG0002097

SITENAME

Belite skali

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1. SITE IDENTIFICATION

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1.1 Type	1.2 Site code
A	BG0002097

1.3 Site name

Belite skali

1.4 First Compilation date	1.5 Update date
2005-10	2015-07

1.6 Respondent:

Name/Organisation:	Ministry of Environment and Water, "National Nature Protection Service" Directorate
Address:	Sofia Maria Luiza Blvd. 22 1000 Sofia
Email:	r.dimova@moew.government.bg

1.7 Site indication and designation / classification dates

Date site classified as SPA:	2007-12
National legal reference of SPA designation	Site classified as SPA by Council of Ministers Decision No. 802/04.12.2007 (promulgated SG 107/2007).
Explanation(s):	Site classified as SPA by Council of Ministers Decision No. 802/04.12.2007 (promulgated SG 107/2007). Issued designation order by the Minister of Environment and Water with prohibitions and restrictions on activities contradicting the conservation objectives of the site – Order No. RD – 353/03.05.2012 (promulgated SG 37/2012).

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude

28.25055555555554

Latitude

43.41055555555554

2.2 Area [ha]:

4163.0605

2.3 Marine area [%]

41.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code

Region Name

BGZZ	Extra-Regio
BG33	Североизточен / Severoiztochen

2.6 Biogeographical Region(s)

Black Sea (59.0 %)

Marine Black Sea (41.0 %)

3. ECOLOGICAL INFORMATION

3.2 Species referred to in Article 4 of Directive 2009/147/EC and listed in Annex II of Directive 92/43/EEC and site evaluation for them

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Species					Population in the site						Site assessment			
Group	Code	Scientific Name	S	NP	Type	Size		Unit	Cat.	Data quality	A B C D	A B C		
						Min	Max		C R V P		Pop.	Cons.	Isol.	Glob.
B	A402	Accipiter brevipes			c	43	43	i		G	A	A	C	A
B	A402	Accipiter brevipes			r	1	1	p		G	A	A	C	A
B	A085	Accipiter gentilis			c	20	50	i		G	A	A	C	A
B	A086	Accipiter nisus			c	1554	1554	i		G	A	A	C	A
B	A050	Anas penelope			w		19	i		G	C	B	C	C
B	A053	Anas platyrhynchos			w	11	600	i		G	C	B	C	C
B	A041	Anser albifrons			w		10143	i		G	C	B	C	B
B	A043	Anser anser			w		18	i		G	C	B	C	C
B	A255	Anthus campestris			r	57	57	p		G	A	C	C	A
B	A089	Aquila pomarina			c	1940	1940	i		G	B	A	C	A
B	A028	Ardea cinerea			w		6	i		G	C	B	C	C
B	A059	Aythya ferina			w		40	i		G	C	B	C	C
B	A061	Aythya fuligula			w		5	i		G	C	B	C	C
B	A396	Branta ruficollis			w		1730	i		G	C	B	C	C
B	A215	Bubo bubo			p	1	3	p		G	C	A	C	C
B	A067	Bucephala clangula			w		38	i		G	C	B	C	C
B	A133	Burhinus oedicephalus			r				P	DD	C	C	C	C
B	A087	Buteo buteo			w		2	i		G	C	B	C	A

B	A087	Buteo buteo		c	9584	9584	i		G	A	A	C	A
B	A087	Buteo buteo		p	6	6	p		G	A	A	C	A
B	A088	Buteo lagopus		c		1	i		G	C	B	C	C
B	A403	Buteo rufinus		p	1	3	p		G	A	A	C	A
B	A403	Buteo rufinus		c	39	39	i		G	A	A	C	A
B	A243	Calandrella brachydactyla		r	10	124	p		G	B	C	C	A
B	A224	Caprimulgus europaeus		r			P		DD	C	B	C	C
B	A136	Charadrius dubius		c			P		DD	C	B	C	C
B	A136	Charadrius dubius		r	2	2	p		G	C	C	C	C
B	A031	Ciconia ciconia		c	18773	18773	i		G	B	A	C	A
B	A030	Ciconia nigra		c	212	212	i		G	B	A	C	A
B	A080	Circaetus gallicus		c	46	46	i		G	C	A	C	A
B	A081	Circus aeruginosus		c	205	205	i		G	B	A	C	A
B	A082	Circus cyaneus		w		1	i		G	C	B	C	C
B	A082	Circus cyaneus		c	13	13	i		G	B	A	C	B
B	A083	Circus macrourus		c	8	8	i		G	C	A	C	A
B	A084	Circus pygargus		c	78	78	i		G	B	A	C	A
B	A231	Coracias garrulus		r	5	5	p		G	C	C	C	C
B	A122	Crex crex		r	2	2	p		G	C	B	C	C
B	A038	Cygnus cygnus		w		13	i		G	C	B	C	C
B	A036	Cygnus olor		w		37	i		G	C	B	C	C
B	A429	Dendrocopos syriacus		p	20	40	p		G	C	A	C	C
B	A027	Egretta alba		w		1	i		G	C	B	C	C
B	A379	Emberiza hortulana		r	10	20	p		G	C	C	C	C
B	A511	Falco cherrug		r		1	i		G	C	A	C	A
B	A511	Falco cherrug		c	1	1	i		G	C	A	C	A
B	A100	Falco eleonora		c	2	2	i		G	A	A	B	A
B	A103	Falco peregrinus		r			P		DD	A	A	C	A
B	A103	Falco peregrinus		c	4	4	i		G	A	A	C	A
B	A099	Falco subbuteo		c	119	119	i		G	A	A	C	A
B	A099	Falco subbuteo		r	1	1	p		G	A	A	C	A
B	A096	Falco tinnunculus		p	5	9	p		G	A	A	C	A
B	A096	Falco tinnunculus		c	83	83	i		G	A	A	C	A
B	A097	Falco vespertinus		c	162	162	i		G	A	A	C	A
B	A125	Fulica atra		w	160	750	i		G	C	B	C	C
B	A002	Gavia arctica		w		5	i		G	C	B	C	C
B	A002	Gavia arctica		c			P		DD	C	B	C	C
B	A127	Grus grus		c	8	8	i		G	C	A	C	C
B	A078	Gyps fulvus		c	1	1	i		G	A	A	B	A
B	A075	Haliaeetus albicilla		c	1	1	i		G	B	A	C	A
B	A092	Hieraetus pennatus		c	39	39	i		G	B	A	C	A
B	A439	Hippolais olivetorum		r	10	20	p		G	B	C	C	B
B	A338	Lanius collurio		r	298	298	p		G	C	C	C	B
B	A339	Lanius minor		r	17	17	p		G	C	C	C	B

B	A176	Larus melanocephalus			c				P	DD	C	B	C	B
B	A246	Lullula arborea			p	20	55	p		G	C	C	C	C
B	A242	Melanocorypha calandra			p	10	50	p		G	C	C	C	B
B	A230	Merops apiaster			r	40	40	p		G	C	B	C	C
B	A230	Merops apiaster			c				P	DD	C	B	C	C
B	A073	Milvus migrans			c	110	110	i		G	A	A	C	A
B	A074	Milvus milvus			c	3	3	i		G	A	A	C	A
B	A533	Oenanthe pleschanka			r	30	40	p		G	A	A	B	A
B	A094	Pandion haliaetus			c	11	11	i		G	A	A	C	A
B	A019	Pelecanus onocrotalus			c	2872	2872	i		G	B	A	C	A
B	A072	Pernis apivorus			c	179	179	i		G	C	A	C	A
B	A392	Phalacrocorax aristotelis desmarestii			w		4	i		G	C	B	C	C
B	A392	Phalacrocorax aristotelis desmarestii			c				P	DD	C	B	C	B
B	A464	Puffinus yelkouan			c	50	50	i		G	C	B	C	B
B	A191	Sterna sandvicensis			c				P	DD	C	B	C	B
B	A307	Sylvia nisoria			r	172	172	p		G	B	C	C	A

Group: A = Amphibians, B = Birds, F = Fish, I = Invertebrates, M = Mammals, P = Plants, R = Reptiles

S: in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes

NP: in case that a species is no longer present in the site enter: x (optional)

Type: p = permanent, r = reproducing, c = concentration, w = wintering (for plant and non-migratory species use permanent)

Unit: i = individuals, p = pairs or other units according to the Standard list of population units and codes in accordance with Article 12 and 17 reporting (see [reference portal](#))

Abundance categories (Cat.): C = common, R = rare, V = very rare, P = present - to fill if data are deficient (DD) or in addition to population size information

Data quality: G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation); VP = 'Very poor' (use this category only, if not even a rough estimation of the population size can be made, in this case the fields for population size can remain empty, but the field "Abundance categories" has to be filled in)

3.3 Other important species of flora and fauna (optional)

Species					Population in the site				Motivation					
Group	CODE	Scientific Name	S	NP	Size		Unit	Cat.	Species Annex		Other categories			
					Min	Max		C R V P	IV	V	A	B	C	D
B	A247	Alauda arvensis			218	218							X	
B	A363	Carduelis chloris			4	4							X	
B	A113	Coturnix coturnix			13	13							X	
B	A382	Emberiza melanocephala			154	154							X	
B	A269	Erithacus rubecula			2	2							X	
B	A244	Galerida cristata			71	71							X	
B	A233	Jynx torquilla			2	2							X	
B	A271	Luscinia megarhynchos			68	68							X	
B	A383	Miliaria calandra			383	383							X	
B	A214	Otus scops			2	2							X	
B	A443	Parus lugubris			5	5							X	
B	A235	Picus viridis			12	12							X	
B	A210	Streptopelia turtur			98	98							X	
B	A311	Sylvia atricapilla			24	24							X	

B	A283	Turdus merula		106	106							X	
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Group: A = Amphibians, B = Birds, F = Fish, Fu = Fungi, I = Invertebrates, L = Lichens, M = Mammals, P = Plants, R = Reptiles

CODE: for Birds, Annex IV and V species the code as provided in the reference portal should be used in addition to the scientific name

S: in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes

NP: in case that a species is no longer present in the site enter: x (optional)

Unit: i = individuals, p = pairs or other units according to the standard list of population units and codes in accordance with Article 12 and 17 reporting, (see [reference portal](#))

Cat.: Abundance categories: C = common, R = rare, V = very rare, P = present

Motivation categories: **IV, V:** Annex Species (Habitats Directive), **A:** National Red List data; **B:** Endemics; **C:** International Conventions; **D:** other reasons

4. SITE DESCRIPTION

4.1 General site character

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Habitat class	% Cover
N23	24.0
N12	2.0
N01	41.0
N08	4.0
N22	5.0
N21	
N07	
N16	16.0
N06	
N20	
N09	8.0
N15	
N04	
Total Habitat Cover	NaN

Other Site Characteristics

The site is located in north-eastern Bulgaria, on the Black Sea coast between Balchik and Kavarna. It covers a south-eastern part of the Dobrudzha plateau, the coastal cliff and the adjacent shallow littoral area. To the north it borders on the Balchik - Kavarna road. The southernmost part of the Dobrudzha Plateau south of the road to Kavarna is covered by dry steppe grass vegetation. The substratum is sedimental ? marl and Sarmatian limestones. The coast is vertical, with several terraces. It is cut by deep gorges and valleys covered by shrubs and broadleaved forests. The lower terraces are covered by xerophyte and steppic communities of *Artemisia lerchiana*, *Agropyron pectiniforme* and *Bromus riparii*. The upper terraces are covered by mesoxerothermal communities of *Poa bulbosa*, *Lolium perenne* and *Cynodon dactylon*. The seashore is narrow. There are many screes and landslides, caused by the erosive action of the sea. Close to Balchik there is a firth lake ? Balchishka Tuzla. The wetland is partly overgrown with water fringe vegetation, dominated by reeds /*Phragmites australis*/. There are a lot of rare plant species recorded in the area of Belite skali.

4.2 Quality and importance

Belite Skali supports 91 bird species, 27 of which are listed in the Red Data Book for Bulgaria (1985). Of the birds occurring there 48 species are of European conservation concern (SPEC) (BirdLife International, 2004), 4 of them being listed in category SPEC 1 as globally threatened, 16 in SPEC 2 and 28 in SPEC 3 as species threatened in Europe. The area provides suitable habitats for 40 species, included in Annex 2 of the Biodiversity Act, which need special conservation measures, of which 39 are listed also in Annex I of the Birds Directive. Belite Skali is a typical bottleneck migration site of global importance for the soaring storks, pelicans and birds of prey, especially for the White Stork *Ciconia ciconia* and the Buzzard *Buteo buteo*. The raptors often overnight in the area. It is also one of the most important sites in the country on European Union scale for the conservation of the breeding Tawny Pipit *Anthus campestris*, Greater Short-toed Lark *Calandrella brachydactyla*, Barred Warbler *Sylvia nisoria* and the Pied Wheatear *Oenanthe pleshanka*. The site holds representative breeding populations of the Calandra Lark *Melanocorypha calandra* and the Barred Warbler *Sylvia nisoria*.

4.5 Documentation

Initial proposal and description of the site made by Dimitar Georgiev, Minko Madzharov - Bulgarian Society for the Protection of Birds, Bulgaria, 1111 Sofia, P.O.Box 50, phone (+359 2) 9715855, fax (+359 2) 9715856, www.bspb.org. Data revised by a team of Bulgarian Academy of Sciences (<http://www.bas.bg>). Documents: BDZP/BirdLife Balgariya. 2005. ?Nacionalna banka za ornitologichna informacia 1988-2005?, Balgarsko Druzhestvo za zastita na pticite; Botev, B. and Tz. Peshev, (eds). 1985. Red Data Book of Republic Bulgaria. 2: Animals. Sofia: Bulgarian Academy of Science. (In Bulgarian.); Ivanov, Bozh., S. Nonev. 1997b. Gnezdeshtite ptici v stepnite rajoni po krajbrezhieto mezhdur. Balchik I ez. Durankulak. ? V: Sbornik ot nauchni dokladi ?Dobrudzha I Kaliakra?, BSHPOB, Plovdiv, 108-125.; Simeonov, S., T. Michev. 1985. Suvremenno razprostranenie I chislenost na buhala (*Bubo bubo*(L.) v Bulgaria. ? Ekologia, 15, 60-65.; ***. 1997. Land Use Plan for Structural Development of

Kavarna Municipality. Final Report. BirdLife International. 2000. Threatened birds of the world. Barcelona and Cambridge, UK: Lynx Edicions and BirdLife International, 695pp. Birdlife International. 2004. Birds in Europe: Population estimates, trends and conservation status. Cambridge, UK: Birdlife International (Birdlife Conservation Series No. 12).373pp.; BSPB/BirdLife International. 2005. World Bird Database ? Important Birds Areas.Bulgaria. Cambridge. (unpublished); Guidelines for evaluation of protected zones according, which include habitats for birds to art.7, par.3, under the art.6 par.1.3 and 1.4 of the Biodiversity Act. 2005. (In Bulgarian.); Ivanov, B., N. Karaivanov, S. Nonev. 1998. Breeding bird communities in the steppe habitats of Dobrudja, Bulgaria. ? Acta zool. Bulg., 50, 2/3, 67-77.; Kostadinova, I., S.Dereliev. 2001. Results the Mid-Winter Counts of Waterbirds in Bulgaria for the period 1997- 2001. BSPB Conservation Series. Book 3, BSPB, Sofia, BG; Kostadinova, I., M. Mihailov, (comp.) 2002. Guide for NATURA 2000 in Bulgaria. BSPB nature conservation series No5. BSPB, Sofia, 80pp. (In Bulgarian.); Kostadinova, I. 2005. Application of C criteria for Identification of Important Bird Areas of European Union importance in Bulgaria. Preliminarily implementation and analysis of the gaps. ? In: Petrova, A. (ed.), Current state of Bulgarian biodiversity ? problems and perspectives. Pp. 533-548. Bulgarian Bioplatform, Sofia Michev, T., Tz. Petrov, L. Profirov. 1989. Status, breeding, distribution, numbers and conservation of the White Stork in Bulgaria; Osieck, E. 2000 Filling in the requirements of the EU Birds Directive: Lessons from the ?Dutch Case??. In: European IBA Workshop. 29 March - 2 April 2000, Brussels, Belgium. Proceedings. BirdLife International, 86-99; Shurulinkov, P., B. Nikolov, R. Tsonev, I. Nikolov, A. Roguev, M. Sarov, A. Dutsov, P. Podlesniy, R. Stanchev, I. Hristov. 2003. A contribution to the occurrence of some rare and poorly-studied species of birds during the nesting season in Maritime Dobrudzha. - Annual of Sofia Univ. ?St. Kliment Ohridski,? Faculty of biology. Book 1-Zoology, 93-94, 31-39. Waliczky, Z. 2000 ?Important Bird Areas of European Union Importance: explanation of the EU Criteria applied in IBA 2000? In: European IBA Workshop. 29 March - 2 April 2000, Brussels, Belgium. Proceedings. BirdLife International, 12-16

Link(s): <http://natura2000.moew.government.bg/Home/ProtectedSite?code=BG0002097&siteType=BirdsDirective>

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
BG00	100.0				

5.3 Site designation (optional)

The area does not have legal protection by the national conservation legislation. In 2005 the area was designated as Important Bird Area by BirdLife International.

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	Regional Inspectorate of Environment and Water -Varna; Forestry Department - Balchik; Black Sea River Basin Directorate;
Address:	
Email:	

6.2 Management Plan(s):

An actual management plan does exist:

☐	Yes
☐	No, but in preparation
☒	No

7. MAP OF THE SITES

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INSPIRE ID:

Map delivered as PDF in electronic format (optional)

☐ Yes ☒ No

Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).